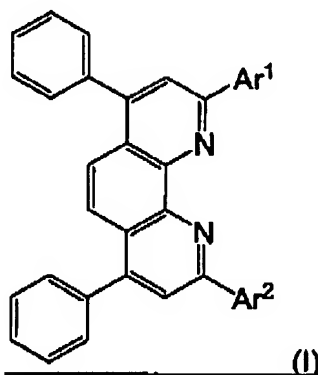


IN THE CLAIMS

The following claims listing replaces all prior claims listings:

Claims 1.-13. (Cancelled.)

14. (Currently amended) A bathophenanthroline compound of formula (I):



~~The bathophenanthroline compound~~ wherein Ar¹ and Ar² are selected from the group consisting of a 1-naphthyl group, a 2-anthryl group, a 9-anthryl group, a 2-fluorenyl group, a 4-quinolyl group, a pyridyl group, a 3-pyridynyl group, a 2-pyridynyl group, a 3-furyl group, a 2-furyl group, a 3-thienyl group, a 2-oxazolyl group, a 2-thiazolyl group, a 2-benzoxazolyl group, a 2-benzothiazolyl group, a 2-benzoimidazolyl group, a 4-methylphenyl group, a 3-methylphenyl group, a 2-methylphenyl group, a n,n-dimethylphenyl group, a n,n,n-trimethylphenyl group, a n-ethylphenyl group, a n,n-diethylphenyl group, a n,n,n-triethylphenyl group, a 4-n-propylphenyl group, a n-isopropylphenyl group, a 4-n-butylphenyl group, a 4-Isobutylphenyl group, a 4-sec-butylphenyl group, a n-tert-butylphenyl group.